## (19) World Intellectual Property Organization

International Bureau



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(43) International Publication Date 22 January 2004 (22.01.2004)

**PCT** 

## (10) International Publication Number WO 2004/007114 A1

(51) International Patent Classification7:

B22D 11/06

(21) International Application Number:

PCT/EP2003/007484

(22) International Filing Date: 10 July 2003 (10.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: MI2002A001505

10 July 2002 (10.07.2002)

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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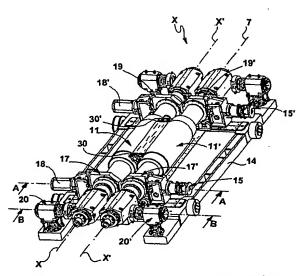
of inventorship (Rule 4.17(iv)) for US only

#### Published:

with international search report

[Continued on next page]

(54) Title: ROLL SUPPORT DEVICE FOR CONTINUOUS METALLIC STRIP CASTING



(57) Abstract: Support device for an assembly (14) of the casting rolls (11, 11') of a continuous metallic strip casting line comprising a movable support at each axial end. Such supports (17, 17', 19, 19') are provided with a hydraulic bearing (13) to reduce friction during motion with respect to the assembly. Between the movable supports of one of the rolls (11) and the assembly is located a hydraulic actuator (18), which thrusts the first roll (11') towards the second roll (11') against a stop (16). Between the second roll (11') and the assembly there are located magnetostrictive actuators which thrust the second roll (11') against the first roll (11). The device has a joint provided with a housing (22) inside which a telescopic tube (21) for the supply of the cooling water to conduits present in the rolls may slide. The housing (22) is connected to the assembly (14) by means of a bellows (27) allowing for oscillation.



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